



INTERNATIONAL SEARCH REPORT

International Application No.

PC/CH 03/00748

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01P7/10 H01P1/208 G09B23/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01P H03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

PAJ, EPO=Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WEI KE HUI ET AL: "DIELECTRIC RING-GAP RESONATOR FOR APPLICATION IN MMIC'S" IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, IEEE INC. NEW YORK, US, vol. 39, no. 12, 1 December 1991 (1991-12-01), pages 2061-2068, XP000241131 ISSN: 0018-9480 page 2061, right-hand column, line 22-25; figure 1	1
A	PATENT ABSTRACTS OF JAPAN vol. 010, no. 332 (E-453), 12 November 1986 (1986-11-12) -& JP 61 136302 A (MURATA MFG CO LTD), 24 June 1986 (1986-06-24) abstract; figures 1-3	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

28 January 2004

Date of mailing of the international search report

04/02/2004

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C₁(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 612 655 A (STRONKS JOHN ET AL) 18 March 1997 (1997-03-18) column 3, line 63 -column 4, line 30 column 6, line 41 -column 7, line 33; figures 4,10	1
A	PATENT ABSTRACTS OF JAPAN vol. 012, no. 158 (E-608), 13 May 1988 (1988-05-13) -& JP 62 271503 A (MURATA MFG CO LTD), 25 November 1987 (1987-11-25) abstract; figures 18,19	1
A	EP 0 601 369 A (ANT NACHRICHTENTECH) 15 June 1994 (1994-06-15) the whole document	1

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Information on patent family members

International Application No

PCT/CH 03/00748

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 61136302	A	24-06-1986	NONE	
US 5612655	A	18-03-1997	AU 6486296 A DE 902989 T1 EP 0902989 A1 IL 118799 A WO 9702617 A1	05-02-1997 16-09-1999 24-03-1999 26-01-1999 23-01-1997
JP 62271503	A	25-11-1987	NONE	
EP 0601369	A	15-06-1994	DE 4241027 A1 EP 0601369 A1	09-06-1994 15-06-1994